

**USPAT; EPO; JPO; Derwent; IBM TDB files searched Sunday, January 27, 2002**

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L7	19861	zoom\$3 adj2 (lens or barrel\$)
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L8	164	aperture with (telephoto and wide-angle)
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L9	496	aperture with wide-angle
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L10	650	aperture with telephoto
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L11	139	9 same 10
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	L12	70	7 same 11

**Display of L12**

US 20020001139 A1	Zoom lens device		
US 20010024573 A1	Lens barrier opening/closing device of a movable lens barrel		
US 20010021310 A1	Zoom lens assembling mechanism		
US 20010019458 A1	Movable lens hood mechanism of a zoom lens		
US 20010017740 A1	Bayonet type fixing device having annular members and a zoom lens having	the same	
US 20010017738 A1	Zoom lens barrel		
US 20010017737 A1	Mechanism for rotating a cam barrel of a zoom lens		
US 20010017736 A1	Zoom lens and a movable lens hood mounting mechanism of the zoom lens		
US 20010017735 A1	Cam mechanism for driving a linearly-guided lens		
US 20010017662 A1	Lens frame guiding mechanism of a zoom lens		
US 20010015860 A1	Zoom lens having a cam mechanism		
US 20010015859 A1	Zoom lens having a cam mechanism		
US 20010006432 A1	Variable focal length lens system		
US 6327100 B1	Zoom lens 359/689		
US 6317271 B1	Zoom lens system 359/686		
US 6285502 B1	Zoom lens system having an image blur compensation function	359/557	
US 6271973 B1	Variable focal length lens system 359/689		
US 6266189 B1	Zoom lens system having an image blur compensating function	359/557	
US 6222684 B1	Aperture regulating apparatus 359/740		
US 6215599 B1	Zoom lens optical system 359/688		
US 6166863 A	Zoom lens optical system 359/676		
US 6154323 A	Zoom lens system using a diffractive optical element	359/691	
US 6118593 A	Zoom lens and optical apparatus having the same	359/687	
US 6108137 A	Zoom lens system 359/695		
US 6094313 A	Zoom lens system 359/686		
US 6088534 A	Camera having an aperture controllable shutter	396/64	
US 6084722 A	Zoom lens of rear focus type and image pickup apparatus	359/687	
US 6069743 A	Zoom lens system 359/687		
US 6055114 A	Zoom lens optical system 359/676		
US 6014266 A	Zoom lens focusing system and method 359/689		
US 5963379 A	Compact zoom lens 359/691		
US 5917658 A	Zoom lens system 359/676		
US 5880892 A	Variable focal length lens system 359/683		
US 5835282 A	Zoom lens system 359/692		
US 5835272 A	Zoom Lens 359/557		
US 5831768 A	Zoom lens capable of shifting an image	359/557	
US 5781348 A	Zoom lens system 359/676		
US 5777800 A	Zoom lens 359/692		
US 5703725 A	Compact high-performance zoom lens	359/683	
US 5671449 A	Switching system for camera 396/132		
US 5583701 A	Zoom lens system 359/695		
US 5548369 A	Camera 396/71		
US 5363242 A	Zoom lens of rear focus type 359/684		
US 5274504 A	Zoom lens 359/676		
US 5247326 A	Camera system capable of automatic focus control	396/64	
US 5179472 A	Zoom lens 359/687		
US 5142318 A	Camera system capable of automatic focus control	396/91	
US 5138492 A	Rear-focus type zoom lens suppressing fluctuation of aberration	359/684	
US 5065176 A	Camera system capable of automatic focus control	396/91	
US 5019845 A	Flash device for camera 396/175		
US 5009492 A	Zoom lens 359/684		
US 4774540 A	Camera system capable of automatic focus control	396/91	
US 4733262 A	Camera system capable of automatic focus control	396/129	
US 4623238 A	Camera system capable of automatic focus control	396/125	
US 4550993 A	Device for providing a camera system with an information for a focus adjustment	396/99	
US 4509842 A	Camera system capable of focus detection through an interchangeable objective lens	396/81	
JP 2000231049 A	LENS BARREL AND OPTICAL EQUIPMENT USING THE LENS BARREL		
JP 09133865 A	TELEPHOTO ZOOM LENS		
JP 08101362 A	ZOOM LENS CAPABLE OF IMAGE SHIFT		
JP 08101361 A	ZOOM LENS CAPABLE OF SHIFTING IMAGE		
JP 08005921 A	ZOOM LENS		
JP 06300968 A	ZOOM LENS		
JP 05093866 A	ZOOM LENS INCLUDING WIDE ANGLE		
JP 05093865 A	SMALL-SIZED ZOOM LENS		
JP 04114115 A	TWO-ELEMENT ZOOM LENS		
JP 03290632 A	IMAGE PICKUP DEVICE		
JP 03282409 A	COMPACT ZOOM LENS		
JP 63070218 A	ZOOM LENS CAPABLE OF ADJUSTING ILLUMINANCE DISTRIBUTION ON IMAGE PLANE		
US 5835272 A	Zoom Lens		
EP 942309 A2	Image stabilizing arrangement for variable magnification lens in e.g. video camera		